

IN THE CLAIMS

Claims 1, 4-7, 9-11, 13-15, 18-22, 24-29, 36-39, and 41-50 are amended.
Claims 12 and 40 are canceled. Claims 59-60 are added. A complete claim set follows.

1. (Currently amended) A method for obtaining data in a mobile telecommunications network, the network including comprising a plurality of mobile units and a plurality of base units, the method comprising ~~the steps of:~~

- (1) initiating an application using a data channel of the mobile telecommunications network;
- (2) receiving audible input spoken by a user over a voice channel of the mobile telecommunications network;
- (3) converting the audible input to application data; and
- (4) providing the application data to the application.

2. (Original) The method of claim 1, wherein the application data comprises location information.

3. (Original) The method of claim 2, wherein the location information comprises latitude and longitude information.

4. (Currently amended) The method of claim 2, wherein ~~step (3)~~ converting the audible input to application data further comprises ~~the steps of:~~

- (a) loading a first data file corresponding to a first set of localities;
- (b) comparing a first audible input to the first data file to determine a first selected
locality; and

- (e) loading a second data file corresponding to a second set of localities, wherein each of the localities in the second set are geographically located within the selected locality.

5. (Currently amended) The method of claim 4, ~~wherein step (3)~~ further comprising: ~~the steps of~~

- (d) repeating the comparing and loading steps ~~(b) — (e)~~ while a physical location is not yet identified within a predetermined degree of precision; and
- (e) determining the location information based on the selected localities.

6. (Currently amended) The method of claim 4, ~~wherein step (3)~~ further comprising ~~the steps of~~:

- (d) repeating the comparing and loading steps ~~(b) — (e)~~ a predetermined number of times;
- (e) loading a last data file in addition to the presently loaded data file;
- (f) comparing a last audible input to the loaded data files to determine a last selected locality; and
- (g) determining the location information based on the selected localities.

7. (Currently amended) The method of claim 4, wherein at least one of the sets of localities includes a landmark, and ~~said method further comprising the step of~~

- (d) when the selected locality is a landmark, determining location information corresponding to the selected landmark.

8. (Original) The method of claim 1, wherein the application data comprises authentication information.

9. (Currently amended) The method of claim 8, wherein converting the audible input to application data step (3) further comprises the steps of:

- (a) comparing the audible input to preexisting voice information corresponding to a predetermined person; and
- (b) determining authentication information corresponding to whether the user is the predetermined person.

10. (Currently amended) A method of refining a location using a voice channel in a telecommunications network, the method comprising the steps of:

- (a) loading a first data file corresponding to a first set of localities;
- (b) comparing a first audible input received using the voice channel of the telecommunications network to the first data file to determine a first selected locality; and
- (c) loading a second data file corresponding to a second set of localities, wherein each of the localities in the second set are geographically located within the selected locality.

11. (Currently amended) The method of claim 10, further comprising the steps of:

- ~~(d) repeating steps (b) (d) while a physical location is not yet identified within a predetermined degree of precision; and~~
- ~~(e) determining location information based on the selected localities~~

loading a third data file corresponding to a third set of localities, each of the localities in the third set geographically located within the second set of localities; and
comparing the first audible input to the third data file to determine a location specified by the first audible input.

12. (Canceled).

13. (Currently amended) The method of claim 10, wherein at least one of the sets of localities includes a landmark, and further comprising the step of:

~~(d)~~ when the selected locality is the landmark, determining location information corresponding to the selected landmark.

14. (Currently amended) The method of claim 10, further comprising the steps of:

~~(d) repeating steps (b) (c) a predetermined number of times;~~
~~(e) loading a last data file in addition to the presently loaded data file;~~
(f) comparing a last second audible input received using the voice channel of the telecommunications network to the loaded second data files file to determine a last selected locality, and
(g) determining location information based on the selected localities comparison.

15. (Currently amended) A system for providing voice channel services in a wireless telecommunications network comprising:

a processor;

a memory for storing computer readable instructions, such that when executed, the system performs the steps of:

- (1) initiating an application using a data channel of the wireless telecommunications network;
- (2) receiving audible input spoken by a user over a voice channel of the wireless telecommunications network;
- (3) converting the audible input to application data; and
- (4) providing the application data to the application.

16. (Original) The system of claim 15, wherein the application data comprises location information.

17. (Original) The system of claim 16, wherein the location information comprises latitude and longitude information.

18. (Currently amended) The system of claim 16, wherein ~~step (3)~~ converting the audible input to application data further comprises the steps of:

- (a) loading a first data file corresponding to a first set of localities;
- (b) comparing a first audible input to the first data file to determine a first selected locality; and
- (c) loading a second data file corresponding to a second set of localities, wherein each of the localities in the second set are geographically located within the selected locality.

19. (Currently amended) The system of claim 18, ~~wherein step (3)~~ further ~~comprises the steps of~~ comprising:

- (d) repeating the comparing and loading steps (b)–(c) while a physical location is not yet identified within a predetermined degree of precision; and

(e) determining the location information based on the selected localities.

20. (Currently amended) The system of claim 18, ~~wherein step (3) further comprises the steps of~~ further comprising:

(d) repeating the comparing and loading steps (b) — (e) a predetermined number of times; and

(e) determining the location information based on the selected localities.

21. (Currently amended) The system of claim 18, ~~wherein step (3) further comprises the steps of~~ further comprising:

(d) repeating the comparing and loading steps (b) — (e) a predetermined number of times;

(e) loading a last data file in addition to the presently loaded data file;

(f) comparing a last audible input to the loaded data files to determine a last selected locality; and

(g) determining location information based on the selected localities.

22. (Currently amended) The system of claim 18, wherein at least one of the sets of localities includes a landmark, and ~~further comprising the step:~~

(d) when the selected locality is the landmark, determining location information corresponding to the selected landmark.

23. (Original) The system of claim 15, wherein the application data comprises authentication information.

24. (Currently amended) The system of claim 23, wherein converting the audible input to application data step (3) further comprises the steps of:

- (a) comparing the audible input to preexisting voice information corresponding to a predetermined person; and
- ~~(b) generating authentication information corresponding to the comparing performed in step (a); and~~
- ~~(c) outputting the authentication information~~
authenticating the predetermined person according to the audible input.

25. (Currently amended) A system for refining a location using a voice channel over a mobile unit of a telecommunications network, the system comprising:

- a processor;
- a memory for storing computer readable instructions, such that when executed, the system performs the steps of:
 - (a) loading a first data file corresponding to a first set of localities;
 - (b) comparing a first audible input received over the voice channel of the mobile unit to the first data file to determine a first selected locality;
 - and
 - (c) loading a second data file corresponding to a second set of localities, wherein each of the localities in the second set are geographically located within the selected locality.

26. (Currently amended) The system of claim 25, wherein the system further performs the steps of:

- ~~(d) repeating steps (b) (c) while a physical location is not yet identified within a predetermined degree of precision; and~~
- ~~(e) determining location information based on the selected localities~~
- loading a third data file corresponding to a third set of localities, each of the localities in the third set geographically located within the second set of localities; and
- comparing the first audible input to the third data file to determine a location specified by the first audible input.

27. (Currently amended) The system of claim 25, wherein the system further performs the steps of:

- ~~(e) determining~~ determines location information based on the selected localities.

28. (Currently amended) The system of claim 25, wherein the system further performs the steps of:

- ~~(d) repeating steps (b) (c) a predetermined number of times;~~
- ~~(e) loading a last data file in addition to the presently loaded data file;~~
- ~~(f) comparing a last second audible input received using the voice channel of the telecommunications network to the loaded second data files file to determine a last selected locality; and~~
- ~~(g) determining location information based on the selected localities comparison.~~

29. (Currently amended) The system of claim 25, wherein at least one of the sets of localities includes a landmark, and wherein the system further performs the step of:

~~(d)~~ when the selected locality is the landmark, determining location information corresponding to the selected landmark.

30. – 35. (Withdrawn)

36. (Currently amended) The method of claim 5, ~~wherein step (3)~~ further comprising ~~the steps of~~:

~~(f)~~ authenticating a user based on the audible inputs; and
~~(g)~~ outputting the location information responsive to the user being successfully authenticated only when the user was successfully authenticated in step (f).

37. (Currently amended) The method of claim 6, ~~wherein step (3)~~ further comprising ~~the steps of~~:

~~(f)~~ authenticating a user based on the audible inputs;
~~(g)~~ outputting the location information responsive to the user being successfully authenticated only when the user was successfully authenticated in step (f).

38. (Currently amended) The method of claim 7, ~~wherein step (3)~~ further comprising ~~the steps of~~:

~~(f)~~ authenticating a user based on the audible inputs;
~~(g)~~ outputting the location information responsive to the user being successfully authenticated only when the user was successfully authenticated in step (f).

39. (Currently amended) The method of claim 11, further comprising the steps of:

- (f) authenticating a user based on the audible inputs;
- (g) outputting the location information responsive to the user being successfully authenticated ~~only when the user was successfully authenticated in step (f).~~

40. (Canceled)

41. (Currently amended) The method of claim 13, further comprising the steps of:

- (f) authenticating a user based on the audible inputs;
- (g) outputting the location information responsive to the user being successfully authenticated ~~only when the user was successfully authenticated in step (f).~~

42. (Currently amended) The method of claim 14, further comprising the steps of:

- (f) authenticating a user based on the audible inputs;
- (g) outputting the location information responsive to the user being successfully authenticated ~~only when the user was successfully authenticated in step (f).~~

43. (Currently amended) The system of claim 19, wherein step (2) further comprises the steps of:

- (f) authenticating a user based on the audible inputs;

(g) outputting the location information responsive to the user being successfully authenticated ~~only when the user was successfully authenticated in step (f).~~

44. (Currently amended) The system of claim 20, ~~wherein step (3) further comprises the steps of~~ further comprising:

- (f) authenticating a user based on the audible inputs;
- (g) outputting the location information responsive to the user being successfully authenticated ~~only when the user was successfully authenticated in step (f).~~

45. (Currently amended) The system of claim 21, ~~wherein step (3) further comprises the steps of~~ further comprising:

- (f) authenticating a user based on the audible inputs;
- (g) outputting the location information responsive to the user being successfully authenticated ~~only when the user was successfully authenticated in step (f).~~

46. (Currently amended) The system of claim 22, ~~wherein step (3) further comprises the steps of~~ further comprising:

- (f) authenticating a user based on the audible inputs;
- (g) outputting the location information responsive to the user being successfully authenticated ~~only when the user was successfully authenticated in step (f).~~

47. (Currently amended) The system of claim 26, ~~wherein the system further performs the steps of~~ further comprising:

- (f) authenticating a user based on the audible inputs;

(g) outputting the location information responsive to the user being successfully authenticated only when the user was successfully authenticated in step (f).

48. (Currently amended) The system of claim 27, ~~wherein the system further performs the steps of~~ further comprising:

(f) authenticating a user based on the audible inputs;

(g) outputting the location information responsive to the user being successfully authenticated only when the user was successfully authenticated in step (f).

49. (Currently amended) The system of claim 28, ~~wherein the system further performs the steps of~~ further comprising:

(f) authenticating a user based on the audible inputs;

(g) outputting the location information responsive to the user being successfully authenticated only when the user was successfully authenticated in step (f).

50. (Currently amended) The system of claim 29, ~~wherein the system further performs the steps of~~ further comprising:

(f) authenticating a user based on the audible inputs;

(g) outputting the location information responsive to the user being successfully authenticated only when the user was successfully authenticated in step (f).

51. (Original) A method of determining a location, comprising the steps of:

(1) loading a first data file comprising state information;

- (2) receiving a first audible input from a user;
 - (3) comparing the first audible input to the first data file to determine a selected state;
 - (4) loading a second data file comprising a plurality of cities, wherein each city is geographically located at least partially in the selected state;
52. (Original) The method of claim 51, further comprising the steps:
- (5) receiving a second audible input from the user;
 - (6) comparing the second audible input to the second data file to determine a selected city;
 - (7) loading a third data file comprising a plurality of streets, wherein each street is geographically located at least partially in the selected city,
53. (Original) The method of claim 52, further comprising the steps:
- (8) receiving a third audible input from the user,
 - (9) comparing the third audible input to the third data file to determine a selected street;
 - (10) loading a fourth data file comprising a range of addresses;
54. (Original) The method of claim 53, further comprising the steps:
- (11) receiving a fourth audible input from the user;
 - (12) comparing the fourth audible input to the third and fourth data files to determine one of a selected cross-street and a selected address;

(13) determining whether the selection from step (12) is a valid selection;

(14) generating location coordinates from the selected state, city, street, and cross-street or address.

55. (Original) A system for refining a location using a voice channel over a mobile unit, comprising:

a processor,

a memory for storing computer readable instructions, such that when executed, the system performs the steps of:

- (1) loading a first data file comprising state information;
- (2) receiving a first audible input from a user,
- (3) comparing the first audible input to the first data file to determine a selected state;
- (4) loading a second data file comprising a plurality of cities, wherein each city is geographically located at least partially in the selected state;

56. (Original) The system of claim 55, wherein the system further performs the steps:

- (5) receiving a second audible input from the user;
- (6) comparing the second audible input to the second data file to determine a selected city;
- (7) loading a third data file comprising a plurality of streets, wherein each street is geographically located at least partially in the selected city;

57. (Original) The system of claim 56, wherein the system further performs the steps:

- (8) receiving a third audible input from the user;
- (9) comparing the third audible input to the third data file to determine a selected street;
- (10) loading a fourth data file comprising a range of addresses;

58. (Original) The system of claim 57, wherein the system further performs the steps: (11) receiving a fourth audible input from the user;

- (12) comparing the fourth audible input to the third and fourth data files to determine one of a selected cross-street and a selected address;
- (13) determining whether the selection from step (12) is a valid selection;
- (14) generating location coordinates from the selected state, city, street, and cross street or address.

59. (New) A computer program product for obtaining data in a mobile telecommunications network, the network including a plurality of mobile units and a plurality of base units, the computer program product stored on a computer-readable medium and including instructions for causing a processor to execute the steps of:

- initiating an application using a data channel of the mobile telecommunications network;
- receiving audible input spoken by a user over a voice channel of the mobile telecommunications network;
- converting the audible input to application data; and

providing the application data to the application.

60. (New) A system for obtaining data in a mobile telecommunications network, the network including a plurality of mobile units and a plurality of base units, system comprising:

initiating means, for initiating an application using a data channel of the mobile telecommunications network;

receiving means, communicatively coupled to the initiating means, for receiving audible input spoken by a user over a voice channel of the mobile telecommunications network;

converting means, communicatively coupled to the receiving means, for converting the audible input to application data; and

providing means, communicatively coupled to the converting means, for providing the application data to the application.